**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 64 | (spring near3 valve near8 (cover or cap or top) and valve near3 (bottom or other or lower) near3 end).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/11 16:29 |
| L2 | 4 | (spring near3 valve near8 (cover or cap or top) and sampl$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/11 16:32 |
| S1 | 274 | (sampl$3.ab,ti. or 73/863-864.91 ccls.) and seal$3 near5 valve near8 (cover or cap or top) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 10:37 |
| S2 | 239 | (sampl$3.ab,ti. or 73/863-864.91 ccls.) and valve near8 (cover or cap or top) and valve near3 (bottom or other or lower) near3 end | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:03 |
| S3 | 211 | S2 not S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:04 |

| S4 | 1566 | (sampl$3.ab.,ti. or 73/863-864.91. ccls.) and valve near3 (cover or cap or top or removable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:15 |
|---|---|---|---|---|---|---|
| S5 | 84 | (sampl$3.ab.,ti. or 73/863-864.91. ccls.) and valve near3 (cover or cap or top or removable) near10 seal$3 and valve near5 (bottom or lower or closed or other) near10 seal$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:20 |
| S6 | 72 | S5 not (S2 or S3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:20 |
| S7 | 187 | (sampl$3.ab.,ti. or 73/863-864.91. ccls.) and valve near4 removable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:24 |
| S8 | 151 | S7 not (S1 or S2 or S3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:24 |
| S9 | 449 | ( 73/863-864.91. ccls.) and valve near3 (cover or cap or top or removable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:28 |
| S10 | 412 | ( 73/863-864.91. ccls.) and valve near3 (cover or cap or top ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:28 |

| S11 | 289 | S10 not (S1or S2 or S3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 11:29 |
|-----|-----|-----|-----|-----|-----|-----|
| S12 | 251 | 73/863.71.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 13:53 |
| S13 | 178 | S12 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 13:53 |
| S14 | 178 | 73/863.71.ccls. and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 14:07 |
| S15 | 139 | 73/863.31.ccls. and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 14:07 |
| S16 | 137 | S15 not S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 14:08 |
| S17 | 203 | 73/864.63.ccls. and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 14:13 |
| S18 | 45 | 73/864.63.ccls. and valve near3 (cap or cover or top) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 14:13 |

## EAST Search History (Interference)

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**9/11/09 4:38:25 PM**
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